CyberPower

BRG850AVRLCD Intelligent LCD Series UPS

Offers significant energy savings, battery backup and surge protection.

The CyberPower Intelligent LCD Series BRG850AVRLCD uninterruptible power supply (UPS) safeguards PCs and other electronics (monitors, cable DSL/ modems, VoIP routers, and home theater devices) from blackouts, brownouts, surges, spikes, sags, and other power abnormalities. Its Automatic Voltage Regulation (AVR) boost/buck technology delivers a consistent and clean AC power, protecting connected equipment and preventing costly business interruptions. Two (2) 5Vdc USB 2.1A charging ports provide charging power for portable devices such as tablets, mobile phones, MP3 players, and cameras.

This UPS system is ENERGY STAR® qualified with patented GreenPower UPS™ Bypass circuitry to save on energy costs by reducing energy consumption and heat buildup.

A Three-Year Warranty ensures that this UPS has passed our highest quality standards in design, assembly, material and workmanship, further protection is offered by a $250,000 Connected Equipment Guarantee.

Typical Applications

- Desktop Computers
- Home Networking/VoIP
- Personal Electronics
- Home Theater Devices

Features

- 850VA / 510W
- Line-Interactive Topology
- Automatic Voltage Regulation
- GreenPower UPS™
- ENERGY STAR® Qualified
- USB 2.1A Charging Ports
- Full-time Surge Protection and Battery Backup
- Mini-Tower Form Factor
- 10 Outlets/USB Port/RJ11 and RJ45 Protection
- EMI/RFI Filters
- PowerPanel® Personal Edition
- 3-Year Warranty

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GENERAL	
UPS Topology	Line-Interactive
Energy Saving	GreenPower UPS™ Bypass Technology
ENERGY STAR® Qualified	Yes
INPUT	
Voltage	Nominal 120V
Frequency	60Hz ± 3Hz
Input Voltage Range	90Vac – 148Vac
Plug Type	NEMA 5-15P
Plug Style	Right Angle, 45 Degree Offset Right
Cord Length	6'
OUTPUT	
VA	850
Watts	510
Automatic Voltage Regulation	Boost 1 +10% / Buck -10%
On Battery Voltage	120Vac ± 5%
On Battery Frequency	60Hz ± 1%
On Battery Waveform	Simulated Sine Wave
Outlet Type	NEMA 5-15R
Outlets - Total	10
Outlets - Battery & Surge Protected	5
Outlets - Surge-Only Protected	5
USB Charge Port - Total	2
USB Charging Amperage	2.1A
Rated Power Factor	0.6
Overload Protection	Internal circuitry limiting / circuit breaker
Transfer Time	4ms
BATTERY	
Runtime at Half Load (min)	11
Runtime at Full Load (min)	2
Battery Type	Sealed Lead-Acid
Battery Size	12V/9AH
Hot-Swappable	No
Replacement Battery	RB1280A
Battery Quantity	1
User Replaceable	Yes
Typical Recharge Time	8 Hours
SURGE PROTECTION & FILTERING	
Surge Suppression	1,080 Joules
Phone RJ11 / Ethernet RJ45	1-In, 1-Out (Combo)
Coax Protection RG6	1-In, 1-Out
EMI/RFI Filtration	Yes

MANAGEMENT & COMMUNICATIONS	
Multifunction LCD Panel	Toggle Status Display includes: Current/ Load Level, Runtime, Battery Level, AVR In Use, Battery In Use, Input Voltage, Output Voltage, Output Frequency, Overload, Wiring Fault, Silent Mode
HID Compliant USB Port	Yes
Serial Port	Yes
Cable Management	USB Cable
LED Indicators	Power On, Wiring Fault
Audible Alarms	On Battery, Low Battery, Overload, Fault
Software	PowerPanel® Personal Edition
PHYSICAL	
Form Factor	Mini-Tower
Dimensions (WxHxD) (in.)	3.9 x 9.7 x 10.2
Weight (lbs.)	14.8
ENVIRONMENTAL	
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	0% - 90% non-condensing
Storage Temperature	5°F to 113°F / -15°C to 45 °C
Maximum Operating Elevation	10,000 ft / 3,000 m
Maximum Storage Elevation	50,000 ft / 15,000 m
CERTIFICATIONS	
Safety	UL1778, cUL 107, FCC DOC Class B
Environmental	RoHS Compliant
WARRANTY	
Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	$250,000

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